



DOCKET NO. 3840-005-27

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Lakshman R. SEHGAL, et al. ART UNIT: 1635
SERIAL NO.: 10/725,013 EXAMINER: Brian A. Whiteman
FILING DATE: December 2, 2003
FOR: EX VIVO AND IN VIVO EXPRESSION OF THE
THROMBOMODULIN GENE FOR THE TREATMENT OF
CARDIOVASCULAR AND PERIPHERAL VASCULAR
DISEASES

DECLARATION UNDER RULE 1.132

ASSISTANT COMMISSIONER FOR PATENTS
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SIR:

I, LAKSHMAN R. SEHGAL, do hereby declare as follows:

I am the first named inventor of the above-identified patent application. I have a Ph.D. degree in Biology, principally covering the fields of Microbiology and Biochemistry, from the Illinois Institute of Technology and have worked closely with cardiovascular, vascular and trauma surgeons for over three decades. I am the primary inventor on six patents related to a hemoglobin based oxygen carrier; a co-inventor on two patents related to emulsion based oxygen carrier; the first named inventor on a pending application related to a platelet preservative solution and first named inventor on two pending applications in the field of gene therapy. I have over 150 publications in peer reviewed journals and chapters in medical textbooks. The